

ROBERT E. BUSHNELL\*†

JOSEPH G. SEEBER<sup>o</sup>  
JOHN C. BROSKEY<sup>o</sup>++  
DARREN R. CREW<sup>+</sup>  
MATTHEW J. LESTINA<sup>†</sup>\*  
ARYADVINDER S. SAHOTA<sup>†</sup>

MICHAEL D. PARKER  
DANIEL A. GESELOWITZ, PH.D.  
(REG. PATENT AGENTS)

† ADMITTED IN MARYLAND  
° ADMITTED IN VIRGINIA  
+ ADMITTED IN PENNSYLVANIA  
‡ ADMITTED IN NEW YORK  
\* NOT ADMITTED IN D.C.

Assistant Commissioner for Patents  
Washington, D.C. 20231

R. E. BUSHNELL

ATTORNEY AT LAW

1522 K STREET, N.W., SUITE 300  
WASHINGTON, D.C. 20005-1202  
UNITED STATES OF AMERICA

18 January 2000

## INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040  
TELEPHONE (202) 638-5740  
FACSIMILE (202) 289-7100  
FACSIMILE (202) 628-0755  
FACSIMILE (202) 628-3835  
FACSIMILE (410) 747-0022

E-MAIL: REBUSHNELL@AOL.COM

- U.S. Postal Service*
  - Via Local Courier*
  - Via International Courier*
  - Via Facsimile No. \_\_\_\_\_*
  - Via E-Mail Attachment*
  - Please Acknowledge Receipt*

Attorney Docket: P55955

Sir:

Submitted herewith is the following patent application:

**Inventor:** 1) KEUN-HO SHIN

**Title:** **OPTICAL FILTER AND APPARATUS AND METHOD FOR MONITORING OPTICAL CHANNEL USING THE OPTICAL FILTER**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 1 sheet, Figures 1 through 3

Claim of priority under 35 U.S.C. §119: **YES**

\*\* The Republic Of Korea Application No. 1260/1999 filed on 18 January 1999.

**FEE (see formula below): CHECK IS ENCLOSED (#34526)**

**Basic Fee \$345/690 . . . . .** \$690.00

**Additional Fees:**

Total number of claims in excess of 20: \_\_\_\_ times \$9/18 . \$0.00

Number of independent claims in excess of 3: \_\_\_ times \$39/78 . . . . . \$0.00

Multiple Dependent Claims \$130/260 . . . . . \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 . . . \$0.00

Filing Non-English specification . . . . . \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION . . . . .** **\$690.00**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEET TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§1.27 and 1.28.**Complete If Known**

Application Number	to be assigned
Filing Date	18 January 2000
First Named Inventor	KEUN-HO SHIN
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT

(\$)690.00

Attorney Docket No.

P55955

**METHOD OF PAYMENT (check one)**1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**FEES CALCULATION (continued)**Deposit Account Number: 02-4943

Deposit Account Number: \_\_\_\_\_

Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.  Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance.

**2.  Payment Enclosed: (CHECK #34526)**

Check  Money Order  Other

**FEES CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	\$690.00
106	310	206	155	Design filing fee	\$
107	480	207	240	Plant filing fee	\$
108	690	208	345	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
<b>SUBTOTAL (1)</b>				<b>(\$)<u>690.00</u></b>	

**2. EXTRA CLAIM FEES**

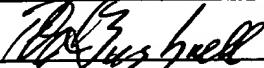
	Extra Claims	Fee from below	Fee Paid
Total claims	16	-20** =	x =
Independent Claims	3	-3** =	x =

Multiple Dependent =

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>				<b>(\$)<u>.00</u></b>	
Other Fee (specify) _____					
Other Fee (specify) _____					

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** \$ .00**Complete (if applicable)**

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	18 January 2000

REB/sb

Assistant Commissioner for Patents  
18 January 2000  
Page Two

Docket No.: P55955

**Inventor:** 1) KEUN-HO SHIN

**Title:** **OPTICAL FILTER AND APPARATUS AND METHOD FOR MONITORING OPTICAL CHANNEL USING THE OPTICAL FILTER**

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
(Registration No. 27,774)  
Payor No.: 008-439  
Attorney for the Applicant  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Telephone: (202) 638-5740  
Telefacsimile: (202) 628-0755

REB/sb

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

KEUN-HO SHIN

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 18 January 2000

Art Unit: *to be assigned*

For: OPTICAL FILTER AND APPARATUS AND METHOD FOR MONITORING  
OPTICAL CHANNEL USING THE OPTICAL FILTER

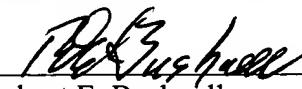
**TRANSMITTAL OF DECLARATION**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005  
(202) 638-5740

Folio: P55955  
Date: 1/18/00  
I.D.: REB/sb